

**AIR FORCE
INITIAL PROVISIONING PERFORMANCE SPECIFICATION (IPPS)
1 AUGUST 1997**

1. Initial Provisioning Performance Specification (IPPS). This document provides specifications for contractor's use in submitting Provisioning Technical Documentation (PTD) compatible with the AFMC D220 Provisioning System and participating in the provisioning process with the Government.

1.1. Initiator and Prime Provisioning Activity (PPA):

WR-ALC/TILPC
420 Richard Ray Blvd. Suite 100
Robins AFB GA 31098-1640

1.2. Date of Initiation 12 Jun 01 . **Revision # and Date** _____.

2. Correspondence:

2.1. Address all correspondence pertaining to spare/repair parts provisioning and related data items to the PPA.

2.2. The PPA shall be the sole Government activity with which the contractor interfaces on initial provisioning matters, unless specifically authorized by the PPA. Pursuant to paragraph 2.1 and this paragraph, correspondence from the PPA shall be accepted and all provisioning actions therein accomplished unless otherwise directed by the Principal Contracting Officer (PCO).

3. Conferences.

3.1. Provisioning Guidance Conference (PGC) is required. Contractor must submit a written request for waiver of the conference to the PPA if a PGC is not desired.

3.2. Spares Provisioning Conference (SPC) requirements will be determined at the PGC.

3.3. A sample article of the component/end item is ☐/is not ☒ required at the SPC. If required, sample article will be viewed ☐/disassembled ☐ at the conference.

4. Spares Acquisition Integrated with Production (SAIP) is ☐/is not ☒ applied. When applied, employ the concept of a concurrent release of spare orders with identical production installs. If not formally applied, any opportunity to combine spares orders with production installs to lower costs should be exploited.

5. Manufacturers or Commercial Manuals are ☒/are not ☐ required. When required furnish a manufacturer's or commercial manual to supplement the Short Form Provisioning Parts Lists (SFPPL) or Provisioning Parts Lists (PPL) that have embedded Commercial Off-the-Shelf (COTS) equipment. All publications prepared and printed without regard to Government format and outline but which include a parts list will be acceptable as a manufacturer or commercial manual for the purpose of this requirement. This requirement applies only to available manuals for the end item or components thereof. No manuals will be developed to satisfy this requirement..

6. Interim Release (IR) is ☐/is not ☒ authorized.

7. Statement of Prior Submission (SPS) is required where applicable. The SPS is submitted to certify that the contractor/subcontractor has previously furnished the Government PTD for the end item or any component thereof which may satisfy the PTD requirements of this contract. The SPS will include identifying information (current procurement or previous submission) such as contract number, contract/exhibit line item number, end item/component type or model number/reference number, item name, manufacturer's name and Commercial and Government Entity Code, PPA receiving the PTD and date prepared, NSN (if available) and other information as required by the PPA. If the Government determines that the previously submitted data is adequate, the SPS may result in reduction or elimination of PTD and Supplemental Data for Provisioning requirements specified on DD Form 1423 and conference requirements.

8. Provisioning Performance Schedule (PPS), AFMC Form 718. Contractor shall develop the PPS (AFMC Form 718) to be reviewed/revise, if necessary and approved at the PGC.

9. Supplemental Data for Provisioning (SDFP): For provisioning purposes, SDFP order of precedence shall be:

9.1. Data equivalent to approved product engineering drawings.

9.2. Data equivalent to in-process/incomplete product engineering drawings.

9.3. Commercial drawings

9.4. Commercial manuals, when required to provide information on a commercial assembly.

9.5. Catalogs or catalog descriptions.

9.6. Sketches or photographs with brief descriptions of dimensional, materiel, mechanical, electrical, or other descriptive characteristics. When sketches or photographs are provided for an assembly, a bill of material shall also be provided.

10. Design Change Notices (DCN). DCNs will include all changes required to an item previously presented to align spares support with actual production items. Unless specifically instructed otherwise by the PPA, the contractor shall notify the PPA of any and all changes whether of a production or modification type which are approved for incorporation into the system/equipment furnished under the contract. DCNs are to be accompanied by applicable SDFP.

10.1. Changes resulting from omission or correction of data previously submitted are considered administrative changes. This type of change may be submitted in non-standard PTD formats to include business letter, computer lists, etc, as directed by the PPA at the PGC.

10.2. Reference Number Changes. Reference numbers are not to be rolled or changed unless specifically allowed by applicable specifications. New design numbers are not to be assigned strictly for administrative or manufacturing purposes, or to facilitate the production control process.

10.3. Reference Items. Submit DCNs against only the first appearance items, unless specifically instructed otherwise by the PPA.

10.4. DCNs to document changes made during the provisioning process by the Government to previously submitted PTD shall not be submitted.

10.5. Procurable Type Items. DCNs for procurable type items are required to be submitted within twenty-one (21) days after release for fabrication or procurement for prime contractor design items and forty-two (42) days after release for fabrication and procurement of subcontractor supplied items.

10.5.1. DCNs Requiring Revision to Provisioned Item Orders (PIO). When a design change affects any part ordered by the government, the contractor shall take immediate action to affect the following revisions and incorporate the results on DCNs for approval:

10.5.1.1. Deletions. When a design change reduces or eliminates spare/repair parts requirements for the end item/component, the contractor shall delete or reduce such requirements originally ordered by PIO in the ratio authorized by the program data applicable to the end items on order that are affected by the DCN.

10.5.1.2. Adjustments. When a spare/repair part previously ordered by the Government is replaced by another item, and the replacing part is not stocklisted, the contractor shall fabricate or procure the new item in the same ratio as the number of end items/components affected by the change not to exceed the amount funded for affected items. When the adjustment requires an increase in the total quantity recommended or additional items of support, the increase will be recommended by the contractor in accordance with program data provided by the PPA.

10.6. Non-procurable Type Items. When required by the PPA, design change data for non-procurable type items (items not coded as spares) (Source, Maintenance, Recoverability (SMR) Code first position X, A, M, K) will be prepared in accordance with instructions from the PPA. Submittals will be within sixty (60) days after release for fabrication or purchase.

11. PTD Submittal Specifications. The following paragraphs provide specifications for submission of PTD to be compatible with the AFMC Automated Provisioning System (hereafter referred to as the D220 System). Strict adherence to these instructions must be applied to ensure PTD is accepted by the D220 System. Data elements to be included in the PTD are reflected in attachment 2.

11.1. Media: PTD may be submitted by multiple card image on 9-track magnetic tape, 3.5" floppy disk, CD ROM or as an e-mail attachment. (NOTE: Contractor Notifications will be returned on 9-track magnetic tape and/or hardcopy regardless of the media for contractor submitted data.)

11.1.1. Multiple card image records on 3.5" floppy disk, CD ROM or e-mail attachment are 80 characters long blocked by 37 records (2960 character block). Data may be input using Microsoft WORD and with the paragraph marker on. This will enable the spaces to be seen at all times. Data must be saved as a Text file in WORD.

11.1.2. Multiple card image records on 9-track magnetic tape are, 1600 Bits Per Inch (BPI) using Extended Binary Coded Decimal Interchange Code (EBCDIC), Odd Parity. Records are 80 characters long blocked by 37 records (2960 character block). Internal label is required for tape submittals.

11.2. Labels. An internal standard American National Standards Institute (ANSI) label is required for **tape submittals only**. A standard label is the ANSI computer operating system physical tape initialization structure that is generated when a tape is initialized or formatted and is not part of the data file. Paragraphs 11.2.1 through 11.2.6 apply to **tape submittals only**.

NOTE: For definitive instructions on labels see the ANSI. Failure to comply with ANSI will prevent D220 system acceptance of PTD.

11.2.1. In Volume Header Label:

11.2.1.1. Position 1 through 4 enter: VOL1

11.2.1.2. Position 5, enter: P

11.2.1.3. Position 6 through 10 enter: Contractor's Commercial and Government Entity (CAGE) code.

11.2.1.4. Position 11 through 80: Leave blank.

11.2.2. Inter record gap.

11.2.3. In first File Header label:

11.2.3.1. Positions 1 through 4 enter: HDR1.

11.2.3.2. Position 5 through 8 enter: D220

11.2.3.3. Position 9 enter: a period

11.2.3.4. Position 10 through 20 enter: CARD FORMAT (position 14 blank)

11.2.3.5. Position 21 through 80: Leave blank.

11.2.4. Inter record gap

11.2.5. (Optional) Additional file header(s). If used, follow para 11.2.3.1 through 11.2.4. with position 4 incremented by 1 for each successive header used. EX: HDR2, HDR3, HDR4.

11.2.6. Tape mark (used after final header).

11.2.7. External label, applicable to tape, disk and CD ROM, shall include as a minimum:

11.2.7.1. Contract Number.

11.2.7.2. Contract Prime Commercial and Government Entity (CAGE) Code.

11.2.7.3. D220 036.

11.2.7.4. Provisioning Contract Control Number (PCCN).

11.2.7.5. Submission Control Code (SCC).

11.2.7.6. Type PTD Code.

11.3. Security Classification of Data. Classified data (programs or line item data) cannot be entered into the D220 System. Classified data is processed outside the D220 System using contingency operating procedures as program directed.

11.4. PTD Format. Required format for PTD is depicted in Attachment 3.

11.4.1. Header Card. Required for all types and submissions of PTD.

11.4.1.1. CC 1-6, enter PCCN which will be provided at PGC.

11.4.1.2. CC 7-25, enter Procurement Instrument Identification Number (PIIN). Do not use dashes. Alpha characters must be upper case.

11.4.1.3. CC 26-46, enter Model or Type No.

11.4.1.4. CC 47-56, Control Data:

11.4.1.4.1. CC 47, enter appropriate type PTD Code. Mandatory entry. This code, peculiar to the Air Force, identifies the type of PTD being submitted. PTD code must be one of the codes defined below:

Type PTD Select Code	Definition
I	Long Lead Time Items List (LLTIL) Interim Release (IR)
R	Long Lead Time Items List (LLTIL), Recommended Items and/or SAIP
G	Provisioning Parts List (PPL)
F	Short Form Provisioning Parts List (SFPPL)
D	Design Change Notice (DCN)
C	Common/Bulk Items List (CBIL)
B	Recoverable Item Breakdown (RIB)
P	Post Conference List (PCL) (Foreign Military Sales or Manual Provisioning)

11.4.1.4.2. CC 48, enter B. Mandatory.

11.4.1.4.3. CC 49-56 - For contractor use, if required, and agreed upon with the PPA.

11.4.1.5. CC 57-61, enter Prime CAGE.

11.4.1.6. CC 62-66, enter appropriate SCC (ex: 00001, 00001, etc).

11.4.1.7. CC 67-72, enter date of list, e.g. "YYMMDD".

11.4.1.8. CC 73-80, blank.

11.4.2. Basic Line Item Records: Basic line item records shall be completed for each provisioning line item and submitted by Card Format Identifier A, B, C, D, E, F, G, H, J, and L as appropriate. The number of card images that the D220 System is capable of accepting are explained below. These instructions do not, however, impose card count restrictions upon the contractor in the submission of PTD to the Government.

11.4.2.1. A Card. A maximum of four "A" cards can be accepted per Provisioning Line Item Sequence Number (PLISN). The number will depend upon total number of reference numbers being presented. Reference number are identified on "A" Cards as follows:

- 01A Card - First Precedent Reference Number (FPRN)**
- 02A Card - Second Precedent Reference Number (SPRN)**
- 03A Card - First Additional Reference Number (FARN)**
- 04A Card - Second Additional Reference Number (SARN)**

11.4.2.2. B Card. Only one "B" Card can be accepted per PLISN.

11.4.2.3. C Card. Only one "C" card can be accepted per PLISN.

11.4.2.4. D Card. Two "D" cards can be accepted per PLISN. This will be based on number of cards required to present reference designations.

11.4.2.5. E Card. Only one "E" card can be accepted per PLISN.

11.4.2.6. F Card. Maximum of 30 "F" cards can be accepted depending on serial effectivity. Submitted only on type PTD "D".

11.4.2.7. G Card. Only one "G" card can be accepted per PLISN. Submitted only on type PTD "D".

11.4.2.8. H Card. A total of three "H" cards can be accepted per PLISN with a maximum of 105 characters in the remarks. Only the first fifteen positions of the third "H" card can be accepted by the D220 System.

11.4.2.9. J Card. Only one "J" card can be accepted per PLISN,

11.4.2.10. L Card. Only one "L" card is accepted per PLISN.

11.4.3. Card Sequence Numbers (CSN). Two position numeric code, cc 78-79. Mandatory entry, 01, 02, 03, etc, as needed.

11.4.4. Card Format Identifiers (CFI). One position alpha code, CC 80. Mandatory entry.

11.5. Data Elements. Specific codes and definitions for data elements can be found in DOD 4100.39M, Federal Logistics Information System (FLIS) Procedures Manual and MIL-PRF-49506, Logistics Management Information (LMI) Specification. Specifications for the length, type, positional justification, and decimal placement of a data element field, or subfield, can be found in MIL-PRF-49506. Data elements not contained in the LMI are defined in Atch 2.

11.6. Type PTD "D", DCN. DCN submittals require the following:

11.6.1. Header Card per para 11.4.1.

11.6.2. For Replaced PLISNs:

11.6.2.1. 01A Card with PCCN, PLISN, Type of Change Code (TOCC), CAGE, Reference Number and CSN entered.

11.6.2.2. "F", "G" and "H" Cards as required.

11.6.3. For Superseding PLISNs: Cards "A" through "L" are required as applicable.

11.6.4. The following information is provided for preparation of DCNs and use of the TOCC. There are five basic types of PTD updates which are required when data is added, changed, or deleted affecting provisioning lists (PL) previously delivered. These transactions are required based on data changes in provisioning data baselined by a previous PTD submittal.

11.6.4.1. Standard Data Update. For each PTD card affected by data which has been added or changed since the previous PTD delivery, mandatory data, i.e., PCCN, PLISN, CSN, and CFI, an "M" TOCC and the added/changed data only are required. If data has been deleted, a "G" is required in the TOCC and in the left most position of each field deleted on the appropriate PTD card. Data deletions and changes/additions occurring on the same PTD card will require both a change and deletion card for the appropriate data.

11.6.4.1.1. If all data on a PTD CFI is deleted, a delete transaction is required consisting of the PCCN, PLISN, CSN "01", CFI (except A), the key data associated with that PTD Card, and a "G" TOCC.

11.6.4.1.2. When an entire PLISN record is deleted, a delete transaction is required consisting of the appropriate PCCN, PLISN, CAGE, Reference Number, and a "D" TOCC on the 01A card. Also, if the reference designation exists, it along with the PCCN and PLISN on the 01D card with a "G" TOCC is required. In addition, if any change authority related information is changed, CFIs "F", "G" and "H" update transactions are also required.

11.6.4.2. Quantity Data Update. If a quantity field is updated, mandatory data, a "Q" TOCC, and the updated quantity data field(s) are required. This will only apply to the following data: Quantity Per Assembly, Quantity Per End Item, Total Quantity Recommended, Quantity Shipped, Quantity Procured and Prorated Quantity. If additional data displayed on the same PTD card also changes, only one change card is required with TOCC "Q". If quantity data is deleted, a change card is required with a zero filled quantity and TOCC "Q".

11.6.4.3. Key Data Update. Certain provisioning data are considered key and associated data elements and are listed below. Changes to key data requires the submission of both a delete and change card for the appropriate key data. The deletion card should contain a "G" TOCC and the original key data. The change card should contain an "M" TOCC with new key data and applicable associated data. When key data is deleted, deletion of the corresponding associated data is required.

<u>KEY DATA</u>	<u>ASSOCIATED DATA</u>
CAGE and Additional Reference number	RNCC and RNVC
NHA PLISN	ORR
UOC	None
Reference Designation	RDOC, RDC
PLCC	None
Change Authority Number	Serial Number Effectivity Prorated Exhibit Line Item Number Prorated Quantity IC Replaced or Superseding PLISN Total Item Changes Quantity Shipped Quantity Procured
Serial Number Effectivity	None

11.6.4.4. Associated Data Update. Changes to associated data require the submission of a change card consisting of an "M" TOCC with the changed data and entry of the applicable key data. Deletion of associated data requires the submission of a deletion card with a "G" TOCC, a "G" in the left most position of the associated data field and entry of the key data.

11.6.4.5. Design Changes with Limited Serial Effectivity. When PTD updates are submitted for these design changes, Change Authority Number and Serial Number Effectivity along with a "L" TOCC for the replaced item are required. If a quantity change occurs on a limited effectivity item, an "L" TOCC is required in lieu of a "Q". The superseding item is submitted with a "blank" TOCC.

12. Additional Information. Information regarding the following requirements or any other provisioning matter may be requested from the PPA through the PCO by the contractor prior to contract award. Requests for this information must be submitted to the PCO in writing. Detailed guidance on these subjects will be provided at the PGC. This information may also be available in the Bidder's Library.

12.1. Instructions for Failure Factors, Maintenance Replacement Rate 1 (MRR1), Condemnation Below Depot (CBD), Condemnation at Depot (CAD), Overhaul Replacement Rate (ORR), and Not Repairable this Station (NRTS). It should be noted that the AF definition for MRR1 differs from the LMI Data Product Definition (DPD) #0560.

12.2. Provisioning Factor Table. This table is used to determine which factors are required for items assigned a procurable SMR code.

12.3. Contractor Notification (CN) Products. These products are generated by the AF in the provisioning process. The contractor shall specify desired media for CN products, i.e., tape or hardcopy, during the PGC. Peculiar AF data elements will be included in CN products which will be explained at the PGC. The Government does not require the contractor to develop an Automated Data Processing (ADP) capability to accept Provisioned Item Orders (PIO) and/or the CN products by magnetic tape.

3 Atch

1. AFMC Form 718

2. LMI Data Product Selection Sheet - PTD

3. PTD Format